**Table S1**. GPS data of the 16 sampled locations and number of samples collected per location

|  |  |  |  |
| --- | --- | --- | --- |
| Location | Latitude | Longitude | Number of samples |
| Aetna Spring Road | 38,646444 | -122,508037 | 6 |
| Angwin Road | 38,602118 | -122,451437 | 6 |
| CC JDF | 39,353943 | -123,560602 | 16 |
| Dunn Wildlake Ranch | 38,62176 | -122,50173 | 15 |
| Enchanted Hills | 38,383986 | -122,422102 | 17 |
| Headwaters 1 | 40,619237 | -124,081475 | 29 |
| Headwaters 2 | 40,627474 | -124,100346 | 47 |
| Jackson State Forest | 39,342298 | -123,489496 | 13 |
| Las Posadas | 38,565578 | -122,415119 | 12 |
| Mt Madonna 1 | 37,010588 | -121,709825 | 35 |
| Mt Madonna 2 | 37,012944 | -121,714812 | 22 |
| PUC | 38,578789 | -122,42007 | 26 |
| Redwood Regional | 37,817892 | -122,176575 | 11 |
| Redwood Ridge Estate | 37,160975 | -122,005626 | 26 |
| The Cove | 38,378676 | -122,437441 | 17 |
| Weott | 40,322859 | -123,92611 | 11 |